

Sheet 1 of 4

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Docket Number (optional) NIP 055 PA	Application Number 08/794,475
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Applicants Nippert et al.	
(Use several sheets if necessary)				Filing Date February 4, 1997	Group Art Unit 2106 1742

PATENT DOCUMENTS												
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CD	AA	1	8	4	8	0	8	3	03/04/92 1992	Wetherald		
CD	AB	2	1	3	8	3	8	8	11/29/93 1993	Platz		
CD	AC	2	2	5	7	5	6	6	09/30/91 1991	Lewis		
CD	AD	2	4	0	2	6	4	6	06/25/96 1996	Leathers		
CD	AE	2	4	1	1	8	5	9	12/03/96 1996	Harwood		
CD	AF	2	4	3	7	7	4	0	03/16/98 1998	Haynes		
CD	AG	2	4	4	0	4	6	3	04/27/98 1998	Cornwall		
CD	AH	2	4	4	6	9	3	2	08/10/98 1998	Johnson		
CD	AI	2	4	7	2	1	7	3	06/07/99 1999	Powell		
CD	AJ	2	7	6	1	9	5	3	09/04/96 1996	Kerr		
CD	AK	2	7	8	0	7	1	8	02/05/97 1997	Mullen		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO	
CD	AL	6	6	1	9	7	8	11/28/51 1951	United Kingdom						N/A	
CD	AM	9	4	1	9	4	7	11/20/63 1963	United Kingdom						N/A	
CD	AN	1	1	5	4	3	2	06/04/69 1969	United Kingdom						N/A	
CD	AO	1	1	7	7	3	5	01/14/70 1970	United Kingdom						N/A	
CD	AP	1	5	9	3	8	9	01/22/81 1981	United Kingdom						N/A	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

CD	AR	Nadkarni et al., "A New Dispersion-Strengthened Copper," <u>Metals Engineering Quarterly</u> , pp. 10-15, August 1976												
CD	AS	SCM Metal Products, Inc. Technical Report, "Resistance Welding with GlidCop® Copper Dispersion Strengthened with Aluminum Oxide," pp. 1-16, November 15, 1994												
	AT													

EXAMINER	C. SHAW	DATE CONSIDERED	8/14/98
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CJ	AA	2	7	9	5	6	8	8	06/14/57 1957	McCaffrey, Sr.	/		
CJ	AB	2	7	9	6	5	1	4	06/18/57 1957	Wood	/		
CJ	AC	2	8	2	9	2	3	9	04/01/58 1958	Boretti	/		
CJ	AD	2	9	8	6	2	7	3	05/30/61 1961	Bardgett	/		
CJ	AE	3	1	0	9	0	8	7	10/29/63 1963	Larkworthy	/		
CJ	AF	3	1	8	4	8	3	5	05/25/65 1965	Coxe et al.	/		
CJ	AG	3	1	9	7	6	4	3	08/03/65 1965	Nippert	/		
CJ	AH	3	1	9	7	8	5	7	08/05/65 1965	Nippert	/		
CJ	AI	3	6	3	4	9	3	4	01/18/72 1972	Fitzgerald	/		
CJ	AJ	3	7	7	9	7	1	4	12/18/73 1973	Nadkarni et al.	/		
CJ	AK	3	8	0	3	8	9	2	04/16/74 1974	Yamaguchi et al.	/		

FOREIGN PATENT DOCUMENTS

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													YES	NO	
	AL														
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CH	AA	3	8	8	4	6	7	6	05/20/77 1977	Nadkarni et al.		—	—	
CH	AB	3	8	9	3	8	4	4	07/08/75 1975	Nadkarni		—	—	
CH	AC	3	9	0	9	5	8	1	09/30/75 1975	Stone et al.		—	—	
CH	AD	3	9	6	9	1	5	6	07/13/76 1976	Wallbaum		—	—	
CH	AE	4	0	4	5	6	4	4	08/30/77 1977	Shafer et al.		—	—	
CH	AF	4	0	7	1	9	4	7	02/07/78 1978	Nippert		—	—	
CH	AG	4	2	8	8	0	2	4	09/08/81 1981	Nippert		—	—	
CH	AH	4	3	4	5	1	3	6	08/17/82 1982	Nippert		—	—	
CH	AI	4	4	2	3	6	1	7	01/03/84 1984	Nippert		—	—	
CH	AJ	4	5	8	8	8	7	0	05/13/86 1986	Nadkarni et al.		—	—	
CH	AK	4	9	5	4	6	8	7	09/04/90 1990	Bush et al.		—	—	

FOREIGN PATENT DOCUMENTS

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				Filing Date February 4, 1997	Group Art Unit 2106/742

U.S. PATENT DOCUMENTS

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CF	AA	5	0	1	5	8	1	6	05/14/91 1991	Bush et al.			
CF	AB	5	3	3	4	8	1	4	08/02/94 1994	Nosetani et al.			
CH	AC	5	5	5	2	5	7	3	09/03/96 1996	Okita et al.			
	AD												
	AE												
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FOREIGN PATENT DOCUMENTS

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	AA							
	AB							
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		AL	9-0 7 6 0 7 4	3/25/97 1997	Japan			YES	NO
<i>Cd</i>		AM						(full)	
		AN							
		AO							
		AP							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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FORM PTO-1449 1 JUL 07 1997 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several pages if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Docket Number (optional) NIP 055 PA	Application Number 08/794,475
		Applicants Nippert et al.	
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U.S. PATENT DOCUMENTS

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AA						
AB						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
GL	AL	9-076074	03/25/97 1997	Japan			X**	
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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AA							
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AL								
AM								
AN								
AO								
AP								

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

CA	AR	Brochure, Resistance Welding Electrode, Centerline, Windsor, Ontario, Canada, 1997
CG	AS	Brochure, Resistance Welding Products, CMW Inc., Indianapolis, Indiana, 1993
CG	AT	Brochure, Refractory metal-faced tips, Tuffaloy Products, Greer, South Carolina, 1993

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